

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: September 21, 2005

Inspector: Diana Walden and Lee Curtis

Location: Overhead Line (Composite 345kV and 115kV Gallows Hill to Archers Lane)

Storm/

Rain Event: The area received a rain event with localized downpours between 0.72" and up to 1.02" over 9/16-9/17 as reported by NOAA.

Areas of Inspection	Observation	Recommended Action
Access Roads and Adjacent Roadways	<ul style="list-style-type: none"> - The ROW is accessible from Gallows Hill Road by an existing trail path with a swing gate, an approved access path in from the east of the ROW, and the access road previously used for the Archers Lane substation. 9/15-9/21/05 - Portions of the path within the ROW and the road leading in from Archers Lane have been placed with crushed stone/stone dust. 9/21/05 - Three low spots/wetland crossings in separate locations were placed with large stone and geotextile fabric to provide stable access as described in the D&M plan. 9/21/05 	<p>-All roads are in good shape. None at this time. 9/21/05</p> <p>- These areas should be restored when work in this section is completed if these are considered temporary access. 9/21/05</p>
Foundation construction	<ul style="list-style-type: none"> - No foundation construction work has begun within this portion of the ROW with the exception of the caisson for the riser structure at Gallows Hill. 9/21/05 	<p>-None at this time. 9/21/05</p>
Erosion and Sediment Controls (includes inspection within 24 hours of a storm event)	<ul style="list-style-type: none"> -Silt fence has been installed along both edges of the access paths at the three wetland crossings. 9/21/05 	<p>- Continue to maintain the silt fence and controls when necessary. 9/21/05</p>

Areas of Inspection	Observation	Recommended Action
Erosion and Sediment Controls	<ul style="list-style-type: none"> - Silt fence should be installed at each structure foundation before work begins to prevent turtles from entering work areas. 9/21/05 - The access coming in from Archers Lane transition station requires breaking through the perimeter silt fence there in two places. Haybales can be put here in place of the fence and restaked after each day of work. 9/21/05 	<ul style="list-style-type: none"> - The silt fence should be extended along the access path however where the wetland is immediately adjacent. (see photos for location). These controls are now the responsibility of the overhead portion of the work. 9/21/05
Inland Wetland and Watercourse encroachment and mitigation	<ul style="list-style-type: none"> - The main access path in the ROW and the Archers Lane access crosses several low wetland spots. The D&M plan allows for stone on geotextile fabric here to support continued crossings. 9/15-9/21/05 	<ul style="list-style-type: none"> - None at this time, the crossings have been constructed. If the access is approved as temporary, the stone will have to be removed when work ends so the wetlands can be restored. 9/21/05
State species of concern, threatened and endangered species	<ul style="list-style-type: none"> - The overhead portions have been identified as having potential habitat for several state listed species, including several species of turtles and plants. This particular portion of overhead work also includes a habitat area. 9/15-9/21/05 - An Eastern Box turtle was observed by BSC just off Gallows Hill Road in the ROW. 9/15/05 	<ul style="list-style-type: none"> - The D&M plan calls for sweeps of the habitat by a botanist to identify populations of the listed plants and daily sweeps when work commences for turtles. Erosion controls must also be installed around each foundation before work here begins to prevent turtles from entering. 9/21/05
Vegetative clearing limits (including trees to save or danger trees noted)	<ul style="list-style-type: none"> -The ROW has been mowed in this section in order to allow for truck access and foundation construction. Vegetation that did not need to be removed was left in place on either side of the access path 9/15-9/21/05 	<ul style="list-style-type: none"> -None at this time. In general limit clearing to those areas necessary. 9/21/05
Dewatering	<ul style="list-style-type: none"> - No dewatering has been necessary at this time. 9/21/05 	<ul style="list-style-type: none"> -None at this time. 9/21/05

Areas of Inspection	Observation	Recommended Action
Blasting	-No blasting has been necessary at this time. 9/21/05	-None at this time. 9/21/05
Spills and Material Storage	- No drips or leaks were noted at the time of the inspection. 9/21/05	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. Se proper storage for all materials.
Additional Observations		

Next likely scheduled inspection:

Thursday September 29, 2005

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden



Overhead ROW: View of the caisson foundation for the riser structure installed at the intersection with Gallows Hill Rd. (9/21/05)



Several low wetland areas along the existing access path in the ROW were placed with geotextile fabric and stone to prevent damage to the wetland crossing. Other portions of the path were placed with stone dust. (9/21/05)



View of where the access path to the ROW intersects with the Archers Lane transition station site. The silt fence will be replaced with haybales to allow access and will be the jurisdiction of the overhead work. It is recommended that the silt fence be extended along the path. (9/21/05)



Another point where the access path leads into the Archers Lane site. Haybales will also be installed here in place of the silt fence to provide access. (9/21/05)